

CLAIMS

1) Method for producing ice-creams with stick, covered, characterised by the fact of providing the following phases:

5     • cooling of the moulds up to a temperature sufficient to cause the surface freezing of a covering product of the ice-cream;

• filling of the moulds with said covering product for the formation of a desired layer of solidified product into contact with the mould wall;

• suction of the product not yet solidified so that only a thin layer of covering adheres to the mould wall;

• filling of the mould with the cooled product until it reaches a pasty consistency;

• insertion of the stick;

• freezing of the product in air or gas cooling tunnel;

• extraction of the finished products.

10    2) Method according to the claim 1, characterised by the fact of providing a further phase of dosage of an optional covering layer into the mould already filled with the product to complete the covering of the product.

15    25    3) Method according to the claim 2, characterised by

the fact that said completion phase of covering is carried out at the exit of the cooling tunnel.

4) System for the production of ice-creams with stick, covered, characterised by the fact of providing:

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- devices suited to cool the moulds;
- devices suited to fill the mould with the product intended to realise the covering;
- devices suited to suck this covering product just below the filling station, in such a way as to let only the desired layer of cooled product adhere to the mould wall;
- measuring devices suited to fill the mould of product;
- devices suited to insert the stick;
- a final cooling tunnel of the product.
- devices suited to pull the finished product out of the moulds.

5) System for the production of ice-creams with stick according to claim 4, characterised by the fact of 20 providing devices suited to measure out into the mould filled with product a thin layer of covering material.

6) System according to claim 4, in which said devices suited to cause the freezing of the product consist of an air or cooling gas tunnel.

25 7) System according to claim 4, in which the devices

suited to measure out into the mould filled with product a thin covering layer are positioned at the exit of the freezing tunnel.